

CCO - ColorControlOptic

STANDARDIZED LIGHT FOR DETECTING COLOR VARIATIONS



The CCO is used for color matching of painted surfaces. It can be used to simulate virtually all daylight situations, which enable color variations of different components to become visible. Color control optic complies with DIN EN 60598-1 / 60598-2-1 and underwent BAM testing according to DIN 6173.

It is used in color matching booths, especially in the automotive sector. However, it is also used in color matching light laboratories, color matching tabletop booths and individual workstations.



Features

- Assembly** (According to the design version)
 - 8 x luminescent lamps (included)
 - 4 x 2.700 K, 4 x 6.500 K
- Ballast**
 - Electronic, digitally dimmable
- Optic**
 - 1 x frequency-neutral diffuser
 - 1 x symmetrical large area reflector
 - 1 x prism mixed light optics
 - 2 x specially coated colored reflectors for adapting to the neutral spectrum on the windshield
- Housing**
 - Steel sheet
 - RAL7035 powder coated
- Front glass panel** (lockable door)
 - 0.16" one-panel safety glass according to EN 12150 (4 mm)
 - In door frame
- Opening**
 - 3 x quick-lock systems
- Bushing**
 - Cable gland or direct clamping in junction box
 - 157.48" connection cable (4 m)

Technical specifications

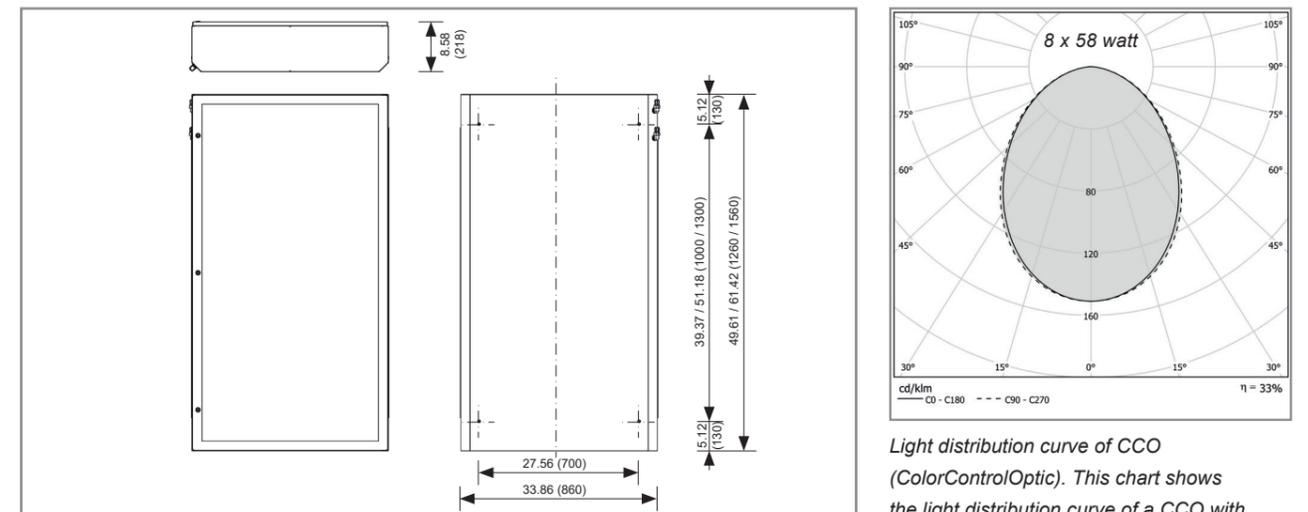
- Permitted ambient temperature: 41°F - 95°F (+5°C to +35°C)
- Rated voltage: 120 - 277 V ±10%, 50/60 Hz
- Degree of protection: IP54
- Protection class: I
- UGR limit: ≤16

Options

- With mobile stand
- Additional lamp color temperatures
- Additional housing colors according to RAL

Quality criteria

- Photobiological safety (EN 62471:2008): Risk group 0
- LABS-free
- ETL certification



Exterior and mounting dimensions of the CCO. All data in Inches (mm).

Light distribution curve of CCO (ColorControlOptic). This chart shows the light distribution curve of a CCO with 8 x 58 watt.

Order number	Lamps	Connection system	Reflector	Dimensions in Inches (mm) [WxHxD]	Wight in kg
L205AC009-14	8 x 58 watt	Cable gland	with	33.86 x 61.42 x 8.58 (860 x 1560 x 218)	approx. 61.5